



Patent Case: JB0976Q

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re Application of:
Mytych et al.

For:
METHODS AND REAGENTS FOR THE
DETECTION OF ANTIBODIES TO
ADENOVIRUS

Serial No.: 09/643,458

Group Art Unit: 1648

Filed: August 22, 2000

Date: July 12, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231

JUL 18 2001

TECH CENTER 1600/2900

X

INFORMATION DISCLOSURE STATEMENT

Sir:

It is requested that the following documents, as listed below and on the accompanying form PTO 1449, be considered and made of record in the above-identified application.

The Examiner should be aware of U.S.S.N. 09/382,901 filed August 25, 1999 that discloses similar subject matter.

UNITED STATES PATENTS

5,424,218

OTHER DOCUMENTS

Roder et al., "Biomolecular Interaction Analysis. Strategies for Antibody and Antigen Characterization", Methods In Molecular Medicine, Vol. 13: Molecular Diagnosis of Infectious Diseases, pp. 531-554

Zeng et al., "Analysis of Specific Interactions of Synthetic Glycopolypeptides Carrying N-Acetyllactosamine and Related Compounds with Lectins", Carbohydrate Research **312** (1998) pp. 209-217

Karlsson et al., "Surface Plasmon Resonance Detection and Multispot Sensing for Direct Monitoring of Interactions Involving Low-Molecular-Weight Analytes and for Determination of Low Affinities", Analytical Biochemistry **228** (1995) 274-280

Wong *et al.*, "Validation parameters for a novel biosensor assay which simultaneously measures serum concentrations of a humanized monoclonal antibody and detects induced antibodies", *Journal of Immunological Methods* **209** (1997) pp. 1-15

Crawford-Miksza *et al.*, "Analysis of 15 Adenovirus Hexon Proteins Reveals the Location and Structure of Seven Hypervariable Regions Containing Serotype-Specific Residues", *Journal of Virology* **70**:3 (Mar. 1996) 1836-1844

Jonsson *et al.*, "Introducing a biosensor based system for real-time biospecific interaction analysis", *Pharmacia Biosensor AB* 1-9

Toogood *et al.*, "Antipeptide antisera define neutralizing epitopes on the adenovirus hexon", *Journal of General Virology* **73** (1992) 1429-1435.

Kinloch *et al.*, "Adenovirus Hexon. Sequence Comparison of Subgroup C serotypes 2 and 5", *The Journal of Biological Chemistry* **259**:10 (May 25, 1984) pp. 6431-6436

Applicant's submission of this Information Disclosure Statement is not an admission that any reference cited herein qualifies as prior art.

The Commissioner is authorized to charge any fees in order to enter this Information Disclosure Statement to Deposit Account No. 19-0365.

Respectfully submitted,

Donald W. Wyatt
Attorney/Agent for Applicant(s)
Registration No.: 40,879
Telephone No.: (908) 298-2902

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC. 20231,

on July 12, 2001

Donald W. Wyatt

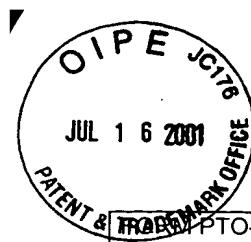
Registered Representative

Signature

July 12, 2001

Date of Signature

SCHERING-PLOUGH CORPORATION
Patent Department, K-6-1, 1990
2000 Galloping Hill Road
Kenilworth, New Jersey 07033-0530
Date: July 12, 2001



Sheet 1 of 1

PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.:
JB0976Q

SERIAL NO.:
09/643,458

APPLICANT:
Mytych et al.

FILING DATE:
August 22, 2000

GROUP:
1648

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	5,424,218	06/1995	Miljanich et al.	436	503	
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES
						NO
AL						
AM						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Roder et al., "Biomolecular Interaction Analysis. Strategies for Antibody and Antigen Characterization", Methods In Molecular Medicine, Vol. 13: Molecular Diagnosis of Infectious Diseases, pp. 531-554
AO	Zeng et al., "Analysis of Specific Interactions of Synthetic Glycopolypeptides Carrying N-Acetylglucosamine and Related Compounds with Lectins", Carbohydrate Research 312 (1998) 209-217
AP	Karlsson et al., "Surface Plasmon Resonance Detection and Multispot Sensing for Direct Monitoring of Interactions Involving Low-Molecular-Weight Analytes and for Determination of Low Affinities", Analytical Biochemistry 228 (1995) 274-280
AQ	Wong et al., "Validation parameters for a novel biosensor assay which simultaneously measures serum concentrations of a humanized monoclonal antibody and detects induced antibodies", Journal of Immunological Methods 209 (1997) 1-15
AR	Crawford-Miksza et al., "Analysis of 15 Adenovirus Hexon Proteins Reveals the Location and Structure of Seven Hypervariable Regions Containing Serotype-Specific Residues", Journal of Virology 70 :3 (Mar. 1996) 1836-1844
AS	Jonsson et al., "Introducing a biosensor based system for real-time biospecific interaction analysis", Pharmacia Biosensor AB 1-9
AT	Toogood et al., "Antipeptide antisera define neutralizing epitopes on the adenovirus hexon", Journal of General Virology 73 (1992) 1429-1435.
AU	Kinloch et al., "Adenovirus Hexon. Sequence Comparison of Subgroup C serotypes 2 and 5", The Journal of Biological Chemistry 259 :10 (May 25, 1984) pp. 6431-4346
AV	
AW	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.